SBLNO: 156/14-15
31-06-2014

Original/Duplicate/Triplicate

FORM 17 1st and final Bill

CONTRACT CERTIFICATE

Reference paras 158 & 170

NO

Division Yelahanka Sub division Yelahanka New Town Date

Bills received No Date Sub-Divisional Cash book Vr No

Divisional Date YNK-OBR No. 163

Date 30-6-14

Sheduled Docket No Head of account

Name of work(as per sanctioned estimate) :- NAME OF WORK :Procurement of shedder equipement in ward no:03

Work Code:003-14-000020

Name of contractor and full address :- Technical Manager (west)

Reference to agreement No :- 535 Estimated cost : 5.00 lakh W.O.No:535/14-15, dt:04-03-14

Certified that the measurements were taken by me on 28/6/14 and recorded on pages 103638 to 50 of measurment book No 1037 and the work is satisfactorily executed by the contractor

Signature of certifying officer Asst. Engineer

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP Bangalore

Certified that the measurements were taken on 28/6/14 and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-Divisional Officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being----percent Rs----------%----------		
3) Balance---		
4) Deduct payments		
a) Amount of previous payment as in divisional/sub divisional cash book vr No---------dated----------S.D No----------Amount		
b) Cost of payments/stores or other materials supplied now made recovery of		
Amount paid on this bill by cheque/cash		
Total		
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash of advance made on divisional/sub divisional cash book		
7) Net amount due to or from contractor.		
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Reciept Stamp

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Dated signature of contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Passed by me cheque No. dated

Cash Rs.....

Date Initials of officer making payment

Date

Executive Engineer
Exe. Engineer
Yelahanka Division
BBMP

Asstt. Supdt
Yelahanka Division
BBMP

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	2	3	4	5	6	7	8	9	10
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and	cum			30.33	124.02	3762.00	30.33	3762.00
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m specification,	cum			9.72	223.66	2174.00	9.72	2174.00
3	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix **M 7.5 withOPC** cement at 180kgs. with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation and plinth including cost of	cum			19.70	4211.38	82964.00	19.70	82964.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
5	KSRB 4-1.4 : Providing and laying in positinn plain cement concrete of nominal mix 1:1.5:3 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of	cum			11.79	5224.74	61600.00	11.79	61600.00
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upin plinth in layers not exceeding 20cms, in depth, compacting each deposited luyers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications,	cum			40.05	99.64	3991.00	40.05	3991.00
6	KSRB 4-1.6 : Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete	cum			5.76	4690.50	27017.00	5.76	27017.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
7	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3 to stone masonry and concrete surface including rounding off corners wherever required smooth rendering.Providing and removing scaffolding, including cost of materials, labour, curing complete	Sqm			52.70	223.66	11787.00	52.70	11787.00
8	KSRB13-1.6 : Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 50mm dia nominal bore with fittings (medium grade weight 5.24kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	Rmtr			122.80	515.16	63262.00	122.80	63262.00
9	KSRB 8.2-5 Providing and fixing northlight adjustable ridges, hips with asbestos cement sheet roofing with G.I. J or L hooks, bolts and nuts 8mm. dia G.I.plain and bitumen washers,	Sqm			53.52	223.66	11970.00	53.52	11970.00
10	KSRB 8.3-2 Providing and laying to required line and slope roofing with semi - corrugated (Trafford) abestors cement sheet 6mm, thick fixed with galvanized iron J or L hooks, bolts and nuts 8mm, dia C I plain and bitumin washers over the exisiting purlins, rafters and trusses inclduing cost of materils, labour complete as	Sqm			30.60	397.80	12164.00	30.60	12164.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
11	KSRB 15-17.5 : Applying priming coat over new wood surface and / or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per				19.23	78.44	1508.00	19.23	1508.00
12	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials,	Sqm			19.23	78.44	1508.00	19.23	1508.00
Electrification work									
13	Supplying and wiring adopting loop system in exisiting PVC conduit/ casing caping using copper PVC insulated multi standard 2x1.5sqm copper wire with the 6 amps flush type SP control switch shall be fixied on the exisiting plastic sheet / gang box, the other end	P/Mtr			12.00	220.00	2640.00	12.00	2640.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
14	Supplying 6A flush / Protected type socket and a 6 amps flush / projected type SP switch either surface mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires	Each			3.00	90.00	270.00	3.00	270.00
15	Supply and fixing of bakelite D.P/Socket/ switch with / without neon indicator over exiting wood board or flush mounting in plastic plates / niches-I using Group A	Each							
	c) 16 Amps flush type Universal socket.				1.00	95.00	95.00	1.00	95.00
16	Supplying 4 mm thick plastic sheet with necessry niches for fixing switches regulators etc., and fixing on existing wooden pr metal box using N.F.screws	P/sqm							
					1800.00	0.20	360.00	1800.00	360.00
17	POINT WIRING USING COPPER WIRE WITH SWITCH Supplying ad wiring adopting loop system in existing PVC conduit / casing caping using copper PVC insulated multi strand 2x1.5 sq.mm copper wire with a 6 Amps flush on the existing II. Point wire using class B Material.								
	a) Short point upto 3mtr from tapping point to our let via switch	Each			1.00	140.00	140.00	1.00	140.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
	b) Medium point above 3mtrs upto 6 mtr from tapping point to out let via switch.	Each			1.00	220.00	220.00	1.00	220.00
	c) Long point above 6 mtrs to 10 mtrs from tapping point to out let via switch.	Each			1.00	325.00	325.00	1.00	325.00
18	Wiring for lighting / power circuit using one of PVC indulated 1100 v grade, multi and copper conductor single core cable in open or concealed system of wiring : I Group - A Materials								
	d) 4 sqmm	P/Mtr			9.00	30.00	270.00	9.00	270.00
	f) 10 sqmm	P/Mtr			4.00	85.00	340.00	4.00	340.00
19	Supplying heavy guage PVC conduit pipe... Dia confirming to IS 2509 with suitable size bends, jnction boxes, adhesive paste etc.., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in								
	a) 19/20m dia 2mm thick	P/Mtr			9.00	32.00	288.00	9.00	288.00
	b) 25mm dia 2mm thick	P/Mtr			4.00	43.00	172.00	4.00	172.00
20	Supplying and fixing sheet metal box made out of 18 SWG sheet with necessary holes for cable / conduit entry as required with one coat of primer of approved								
	b) 100x75x65mm	Each			1.00	72.00	72.00	1.00	72.00
	d) 180x90x65mm	Each			1.00	113.00	113.00	1.00	113.00
21	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting necessary masonry patch work complete(Ch-01)								

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
	a)12x"12x"3(300x300x76mm)	Each			1.00	90.00	90.00	1.00	90.00
	c) 10"x7"3"(254x178x76mm)	Each			1.00	60.00	60.00	1.00	60.00
22	Supplying petty type flourscent tube light fitting of 4'-36/40 watts fluorescent tube fitting,, made out of M.S Sheet and strove enameled with law loss open construction copper wound ferrmag neistic ballast, starter, locking type brass contact holders mounted on double fold type sheet base fully wires for use an 230 volts A C supply inluding 1 No 4'- 36/40 watts fluorescent tube.- Groub-b II.2x4'36/40 Watts								
	a) Group A	Each			1.00	950.00	950.00	1.00	950.00
23	Wiring for lighting / power circuit using one of PVC indulared 1100 v grade, multi end copper conductor single core cable in open or concealed system of wiring : I Group - A Materials c) 2.5 sqmm	P/mt			4.00	21.00	84.00	4.00	84.00
24	Supplying and fixing HRC fuse link on exisiting switch fuse base ec) 125 amps	Each			1.00	420.00	420.00	1.00	420.00
25	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materils and wiring complete as required - A) 5-32 amps S.P(1) Group A	Each			1.00	540.00	540.00	1.00	540.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
26	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class b.50 mm	P/mtr			1.00	260.00	260.00	1.00	260.00
27	Supplying and fixing angles iron frame work fabricated out of M.S.angle iron... and M.S.flat... with washers etc., and painted with two coats of red oxide and then two coats of approved paint a) 40x40x6 mm	P/mtr			1.00	210.00	210.00	1.00	210.00
28	Fixing all type and all capacities fluorescent / false ceiling/spot light/CFL indoor on the walls / ceiling /rates/girders using 23/ 0.0076" twins twisted PVC insulted wires, required nos of round blocks and clamps (if required) a) On wall/ ceiling	Each			1.00	85.00	85.00	1.00	85.00
29	Shedder and Cutter machine	Nos					145000.00		145000.00
				Total			436711.00		436711.00
				KRIDL Charges 11%			48038.21		48038.21
				BESCOM			10000.00		10000.00
				Grand Total			494749.21		494749.21

Assistant Engineer,
ward 03, YSK

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore-64.